

5490

CITY OF RIVERSIDE
HUMAN RESOURCES DEPARTMENT

010/11/02

Revised

CLASSIFICATION SPECIFICATION

TITLE: WASTEWATER MAINTENANCE MECHANIC

DEFINITION

Under general supervision, to perform skilled work in the installation, maintenance and repair of heavy industrial/plant mechanical and electro-mechanical machinery and equipment; and to do related work as required.

REPORTS TO: Senior Wastewater Maintenance Mechanic

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Senior Wastewater Maintenance Mechanic. May exercise lead direction and/or training to lesser skilled workers, as assigned.

EXAMPLES OF DUTIES

Duties may include, but are not limited to, the following:

- Operate lathe, milling machine and other machine tools in the repair of large pumps, variable speed drives, motors, chain drives, sewerage lift stations and related equipment.
- Replace packing in pumps and valves and bearings in motors, pumps and other equipment.
- Maintain and repair piping systems and do related plumbing and pipefitting tasks.
- Lubricate equipment and check for malfunctions.
- Use gas and/or arc welding equipment to heat, cut, braze and weld.
- Install pumps, variable speed drives and motors, controllers, timing devices and assist in installing telemetering electrical equipment.
- Perform general building maintenance and repair, including rough carpentry, pouring and finishing concrete, painting and related work.
- Use of a variety of hand and power hand tools, and may operate a variety of mobile equipment such as fork lifts, dump trucks, flat bed trucks, loaders, tractors, backhoes, water trucks.
- Assist in providing lead direction and/or training to lesser skilled workers, as assigned.

QUALIFICATIONS

Knowledge of:

- Standard practices, procedures, tools and materials used in the installation, maintenance and repair of heavy plant equipment, pumps, motors, controllers, variable speed and chain drives and lift stations.
- General methods of related electrical, carpentry, plumbing and pipefitting repairs and building maintenance and repair.

- Occupational hazards and safety precautions necessary in the work
- Practices, procedures, tools and equipment of machine and welding shop.

Ability to:

- Perform skilled mechanical maintenance and repair work independently.
- Understand and carry out oral and written instructions.
- Work from sketches, blueprints and manufacturer's diagrams.
- Use and care for hand and power hand tools, machines and equipment of the mechanical trades.
- Work overtime as required.

Education and Experience:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education: Equivalent to the completion of the twelfth grade.

Experience: Three years of experience in the installation, repair, and maintenance of heavy industrial/plant mechanical equipment such as pumps, motors, vari-speed and chain drives, lift stations and related.

MEDICAL CATEGORY: Group 2

NECESSARY SPECIAL REQUIREMENT

Possession of, or ability to obtain, an appropriate, valid Class **A@C** California motor vehicle operator's license.

CAREER ADVANCEMENT OPPORTUNITIES

FROM: Wastewater Maintenance Mechanic

TO: Senior Wastewater Maintenance Mechanic